

11/13/01

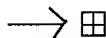


JC971 U.S. PTO

12-10-01

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Modified PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. Verizon-17
First Inventor Baoqing YE
Title ANTI-FLOODING FLOW-CONTROL METHODS AND APPARATUS
Express Mail Label No. EL872560222US



APPLICATION ELEMENTS

See *MPEP* chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 43]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration w/Power of Attorney [Total Pages 2]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
c. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____

Prior application information

Examiner _____

Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) 26479 or ☐ Correspondence address below

Name Straub & Pokotylo
Address 1 Bethany Road
Suite 83, Bldg. 6
City Hazlet State N.J. Zip Code 07730
Country USA Telephone (732) 335-1222 Fax (732) 335-1228

Name (Print/Type) Loren Swingle Registration No. (Attorney/Agent) 32,764
Signature Loren Swingle by Michael Straub Reg No. 36,941 Date November 13, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

Complete if Known

Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Baoqing YE
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	Verizon-17

TOTAL AMOUNT OF PAYMENT (\$) 798.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to.

Deposit
Account
Number

50-1049

Deposit
Account
Name

Straub & Pokotylo

- ☒ Charge any deficiency or credit any overpayment

☐ Applicant claims small entity status
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	740	201 370	Utility filing fee	740.00
106	330	206 165	Design filing fee	
107	510	207 255	Plant filing fee	
108	740	208 370	Reissue filing fee	
114	160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$) 740.00

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	21 -20** = 1	18.00	18.00
Independent Claims	3 -3** = 0	84.00	00.00
Multiple Dependent			

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9	Claims in excess of 20
102	84	202 42	Independent claims in excess of 3
104	280	204 140	Multiple dependent claim, if not paid
109	84	209 42	**Reissue independent claims over original patent
110	18	210 9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 18.00

**or number previously paid, if greater, For Reissues, see above

3. ADDITIONAL FEES

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130 205	65	Surcharge - late filing fee or oath	
127	50 227	25	Surcharge - late provisional filing fee or cover sheet	
139	130 139	130	Non-English specification	
147	2,520 147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920* 112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840* 113	1,840*	Requesting publication of SIR after Examiner action	
115	110 215	55	Extension for reply within first month	
116	400 216	200	Extension for reply within second month	
117	920 217	460	Extension for reply within third month	
118	1,440 218	720	Extension for reply within fourth month	
128	1,960 228	980	Extension for reply within fifth month	
119	320 219	160	Notice of Appeal	
120	320 220	160	Filing a brief in support of an appeal	
121	280 221	140	Request for oral hearing	
138	1,510 138	1,510	Petition to institute a public use proceeding	
140	110 240	55	Petition to revive - unavoidable	
141	1,280 241	640	Petition to revive - unintentional	
142	1,280 242	640	Utility issue fee (or reissue)	
143	460 243	230	Design issue fee	
144	620 244	310	Plant issue fee	
122	130 122	130	Petitions to the Commissioner	
123	50 123	50	Processing fee under 37 CFR 1.17(q)	
126	180 126	180	Submission of Information Disclosure	
581	40 581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740 246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740 249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740 279	370	Request for Continued Examination (RCE)	
169	900 169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

SUBMITTED BY

Name (Print/Type)	Michael P. Straub	Registration No. (Attorney/Agent)	36,941	Telephone	(732) 335-1222
Signature	Michael P. Straub	Date	November 13, 2001		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Attorney Docket No.: **Verizon-17**

Applicant: **Baoqing YE**

Serial No.: **Not yet assigned**

Filing Date: **Herewith**

Title: **ANTI-FLOODING FLOW-CONTROL METHODS AND APPARATUS**

Examiner: **Not yet assigned**

Group Art Unit: **Not yet assigned**

ASSISTANT COMMISSIONER FOR PATENTS
Box **Patent Application**
Washington, D.C. 20231

S I R:

NON-PUBLICATION REQUEST UNDER 37 C.F.R. § 1.213

The applicant requests that the application not be published under 35 U.S.C. § 1.122(b).

The undersigned certifies that the invention disclosed in the application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

The applicant preserves the right to file an application directed to the disclosed invention in another

country, or under a multilateral international agreement as permitted by 37 C.F.R. § 1.213(c).

Respectfully submitted,

Loren Swingle
by Michael P. Straub
Reg. No. 36,941
Loren Swingle, Attorney
Reg. No. 32,764
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STRAUB & POKOTYLO
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Hazlet, NJ 07730

EXPRESS MAIL CERTIFICATION

"Express Mail" mailing label number: EL872560222US
Date of deposit: November 13, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, **Box Patent Application**, Washington, D.C. 20231.

Michael P. Straub

Michael P. Straub
36,941
Reg. No.